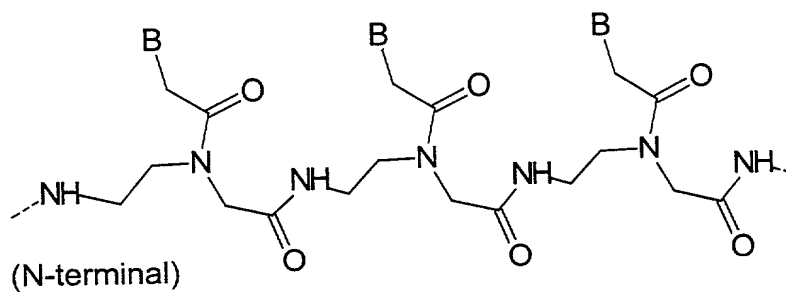


DNA



PNA

Figure 1

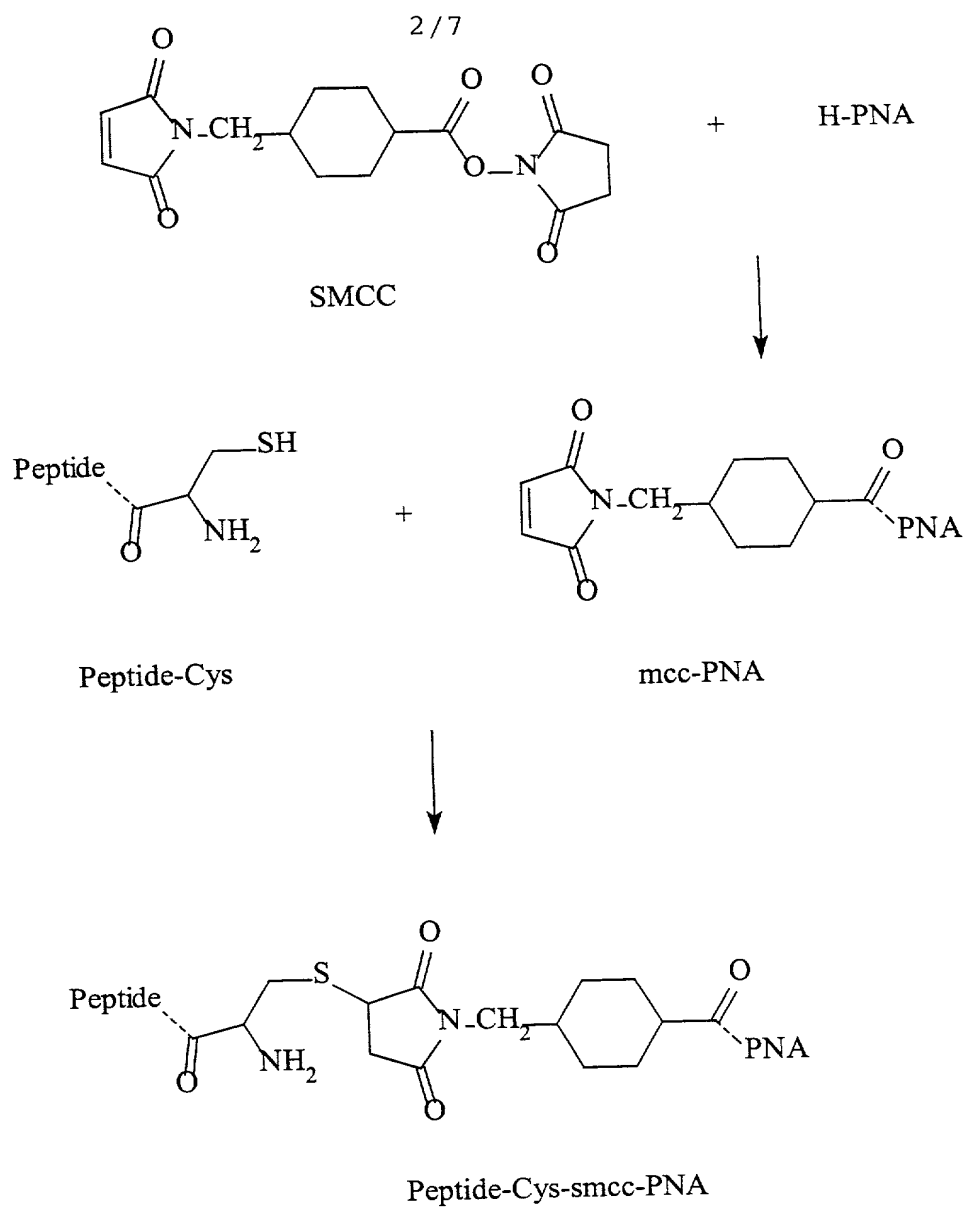


Figure 2

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1 AGATCTTAAA TGCCATTGTG ATGATCTCCT TATCACCCGT CACTCTGACG
51 GGTATATCAA TCGTCTGGC TTGCCTTTAT ACTACCGCGC GTTTGTTTAT
101 AAAGTGGCCA AATGAAACTA AATGGGAAAT TTCCAGTGAA GTTCGTAAAG
151 TATTTTTTGA TCCTTGCAGT CTGTTGCATT CTGCTGGGAG CAGGCTCGAT
201 TTATGGCCTA TACCGCTACA TCGAGCCACA ACTGCCGGAT GTGGCGACAT
251 TAAAAGATGT TCGCCTGCAA ATTCCGATGC AGATTTACAG CGCCGATGGC
301 GAGCTGATTG CTCAATACGG TGAGAAACGT CGTATTCCGG TTACGTTGGA
351 TCAAATCCCA CCGGAGATGG TGAAAGCCTT TATCGCGACA GAAGACAGCC
401 GCTTCTACGA GCATCACGGC GTTGACCCGG TGGGGATCTT CCGTGCAGCA
451 AGCGTGGCGC TGTCTCCGG TCACGCGTCA CAAGGGGCAA GTACCATTAC
501 CCAGCAGCTG GCGAGAAACT TCTTCCTCAG TCCAGAACGC ACGCTGATGC
551 GTAAGATTAA GGAAGTCTTC CTCGCGATTC GCATTGAACA GCTGCTGACG
601 AAAGACGAGA TCCTCGAGCT TTATCTGAAC AAGATTTACC TTGGTTACCG
651 CGCCTATGGT GTCGGTGCTG CGGCACAAGT CTATTTCCGA AAAACGGTGC
701 ACCAACTGAC GCTGAACGAA ATGGCGGTGA TAGCCGGGCT GCCGAAAGCG
751 CCTTCCACCT TCAACCCGCT CTACTCGATG GATCGTGCCG TCGCGCGGCG
801 TAACGTCGTG CTGTCGCGGA TGCTGGATGA AGGGTATATC ACCCAACAAC
851 AGTTCGATCA GACACGCACT GAGGCGATTA ACGCTAACTA TCACGCGCCG
901 GAGATTGCTT TCTCTGCGCC GTACCTGAGC GAAATGGTGC GCCAGGAGAT
951 GTATAACCGT TATGGCGAAA GTGCCTATGA AGACGGTTAT CGCATTTACA
1001 CCACCATCAC CCGCAAAGTG CAGCAGGCCG CGCAGCAGGC GGTACGTAAT
1051 AACGTGCTGG ACTACGACAT GCGCCACGGC TATCGCGGCC CGGCAAATGT
1101 GCTGTGGAAA GTGGGCGAGT CGGCGTGGGA TAACAACAAG ATTACCGATA
1151 CGCTGAAGGC GCTGCCAACC TATGGTCCGC TGCTGCCTGC CGCAGTCACC
1201 AGCGCCAATC CTCAGCAAGC GACGGCGATG CTGGCGGACG GGTCGACCGT
1251 CGCATTGAGT ATGGAAGGCG TTCGCTGGGC GCGTCCTTAC CGTTCGGATA
1301 CTCAGCAAGG ACCGACGCCG CGTAAAGTGA CCGATGTTCT GCAAACGGGT

Figure 3A

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1351 CAGCAAATCT GGGTTCGTCA GGTGGCGAT GCATGGTGGC TGGCACAAGT
1401 GCCGGAAGTG AACTCGGCGC TGGTGTCGAT CAATCCGCAA AACGGTGCCG
1451 TTATGGCGCT GGTCGGTGGC TTTGATTTC AATCAGAGCAA GTTTAACCGC
1501 GCCACCCAGG CACTGCGTCA GGTGGGTTCC AACATCAAAC CGTTCCTCTA
1551 CACCGCGGCG ATGGATAAAG GTCTGACGCT GGCAAGTATG TTGAACGATG
1601 TGCCAATTTC TCGCTGGGAT GCAAGTGCCG GTTCTGACTG GCAGCCGAAG
1651 AACTCACCAC CGCAGTATGC TGGTCCAATT CGCTTACGTC AGGGGCTGGG
1701 TCAGTCGAAA AACGTGGTGA TGGTACGCGC AATGCGGGCG ATGGGCGTCG
1751 ACTACGCTGC AGAATATCTG CAACGCTTCG GCTTCCCGGC ACAAACATT
1801 GTCCACACCG AATCGCTGGC GCTGGGTTCA GCGTCCTTCA CCCCAATGCA
1851 GGTGGCGCGC GGCTACGCGG TCATGGCGAA CGGCGGCTTC CTGGTGGACC
1901 CGTGGTTTAT CAGCAAAATT GAAAACGATC AGGGCGGCGT GATTTTCGAA
1951 GCGAAACCGA AAGTAGCCTG CCCGGAATGC GATATTCCGG TGATTTACGG
2001 TGATACGCAG AAATCGAACG TGCTGGAAAA TAACGATGTT GAAGATGTCG
2051 CTATCTCCCG CGAGCAGCAG AATGTTTCTG TACCAATGCC GCAGCTGGAG
2101 CAGGCAAATC AGGCGTTAGT GCGAAGACT GGCGCGCAGG AGTACGCACC
2151 GCACGTCATC AACACTCCGC TGGCATTCTT GATTAAGAGT GCTTTGAACA
2201 CCAATATCTT TGGTGAGCCA GGCTGGCAGG GACTGGCTG GCGTGCAGGT
2251 CGTGATTTGC AGCGTCGCGA TATCGGCGGG AAAACCGGGA CCACTAACAG
2301 TTCGAAAGAT GCGTGGTTCT CGGGTTACGG TCCGGGCGTT GTGACCTCGG
2351 TCTGGATTGG CTTTGATGAT CACCGTCGTA ATCTCGGTCA TACAACGGCT
2401 TCCGGAGCGA TTAAAGATCA GATCTCAGGT TACGAAGGCG GTGCCAAGAG
2451 TGCCAGCCT GCATGGGACG CTTATATGAA AGCCGTTCTT GAAGGTGTGC
2501 CGGAGCAGCC GCTGACGCCG CCACCGGGTA TTGTGACGGT GAATATCGAT
2551 CGCAGCACCG GGCAGTTAGC TAATGGTGGC AACAGCCGCG AAGAGTATTT
2601 CATCGAAGGT ACGCAGCCGA CACAACAGGC AGTGCACGAG GTGGGAACGA
2651 CCATTATCGA TAATGGCGAG GCACAGGAAT TGTCTGA

Figure 3B

1 TGCTGGTCGC AGAGAGTCTG TACCGGGCGT GGAGCATCAC CACCAACCAT
51 CCTTATCACC GTGAGTGATA AGGGAGCTTT GAGTAGAAAA CGCAGCGGAT
101 GAAACTACAG AACTCTTTTC GCGACTATAC GGCAGAGTCC GCGCTGTTTG
151 TGCGCCGGGC GCTGGTCGCC TTTTGGGGA TTTTGCTGCT GACCGGCGTG
201 CTTATCGCCA ACCTGTATAA TCTGCAAATT GTTCGCTTTA CCGACTACCA
251 GACCCGCTCT AATGAAAACC GCATTAAGCT GGTGCCTATC GCGCCCAGCC
301 GCGGCATTAT CTACGATCGT AACGGTATCC CTCTGGCCCT CAACCGCACT
351 ATCTACCAGA TAGAAATGAT GCCGGAGAAA GTCGATAACG TGCAGCAAAC
401 GCTGGACGCT TTGCGCAGCG TGGTAGATCT GACCGATGAC GATATTGCTG
451 CATTCCGAAA AGAGCGCGCA CGTTCACACC GTTTCACCTC TATTCCGGTG
501 AAAACTAACC TGACCGAAGT ACAAGTAGCT CGCTTTGCCG TCAATCAGTA
551 CCGTTTTCCG GGTGTGGAAG TTAAAGGCTA TAAACGTCGT TACTATCCTT
601 ACGGTTCCGG GTTGACCCAC GTCATCGGCT ATGTGTCGAA AATCAACGAT
651 AAAGACGTCG AACGCCTGAA TAATGACGGC AAAGTGGCCA ACTATGCGGC
701 AACGCATGAT ATCGGTAAGC TGGGCATTGA GCGTTACTAT GAAGATGTGC
751 TGCACGGTCA GACCGGTTAT GAAGAGGTTG AAGTTAACAA CCGTGGGCGT
801 GTTATTCGCC AGTTAAAAGA AGTACCACCG CAAGCCGGAC ACGATATTTA
851 CCTGACGCTG GATCTCAAAC TCCAGCAATA TATTGAAACG CTGCTGGCGG
901 GTAGCCGCGC AGCTGTGGTA GTCACCGATC CGCGTACAGG TGGGGTGCTG
951 GCGCTGGTTT CCACGCCTAG TTATGACCCA AACTTGTTTG TTGACGGTAT
1001 CTCCAGCAAA GATTATTCG CCTTGTTGAA CGATCCGAAT ACACCGCTGG
1051 TGAACCGCGC CACACAGGGG GTTTATCCTC CCGCGTCTAC AGTTAAACCC
1101 TATGTGGCGG TTTCGGCATT GAGCGCCGGG GTGATCACGC GCAATACGAC
1151 GCTGTTTGAC CCAGGCTGGT GGCAACTGCC AGGTTTCGGAA AAACGTTATC
1201 GTGACTGGAA AAAATGGGGC CACGGGCGTC TGAATGTCAC AAGATCGCTG
1251 GAAGAATCTG CGGATACCTT CTTCTATCAG GTGGCCTACG ATATGGGGAT
1301 CGATCGCCTC TCCGAATGGA TGGGTAAATT CGGTTATGGT CATTACACCG

Figure 4A

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1351 GTATCGACCT GGC GGAAGAA CGTTCCGGCA ACATGCCTAC CCGCGAATGG
1401 AAACAGAAAC GCTTTAAAAA ACCGTGGTAT CAGGGTGACA CCATTCCGGT
1451 TGGTATCGGT CAGGGTTACT GGACAGCGAC CCCAATCCAG ATGAGTAAGG
1501 CACTGATGAT CCTGATTAAT GACGGTATCG TGAAGGTTCC TCATTTGCTG
1551 ATGAGCACCG CCGAAGACGG CAAACAGGTG CCATGGGTAC AGCCGCATGA
1601 ACCGCCCCTC GCGGATATTC ATTCCGGTTA CTGGGAGCTG GCGAAAGACG
1651 GTATGTACGG TGTTGCTAAC CGCCCTAACG GTACGGCGCA TAAATACTTT
1701 GCTAGCGCAC CGTACAAAAT TGC GGCGAAA TCCGGTACCG CTCAGGTCTT
1751 CGGTCTGAAA GCGAACGAAA CCTATAATGC GCACAAAATT GCCGAGCGTT
1801 TACGTGACCA CAAACTGATG ACCGCCTTTG CGCCATACAA CAATCCGCAA
1851 GTGGCTGTCG CCATGATTCT GGAGAACGGT GGTGCGGGTC CGGCGGTTGG
1901 TAACTGATG CGCCAGATCC TCGACCACAT TATGCTGGGT GATAACAACA
1951 CCGATCTGCC TGCGGAAAAT CCAGCGGTTG CCGCAGCGGA GGACCATTA

Figure 4B

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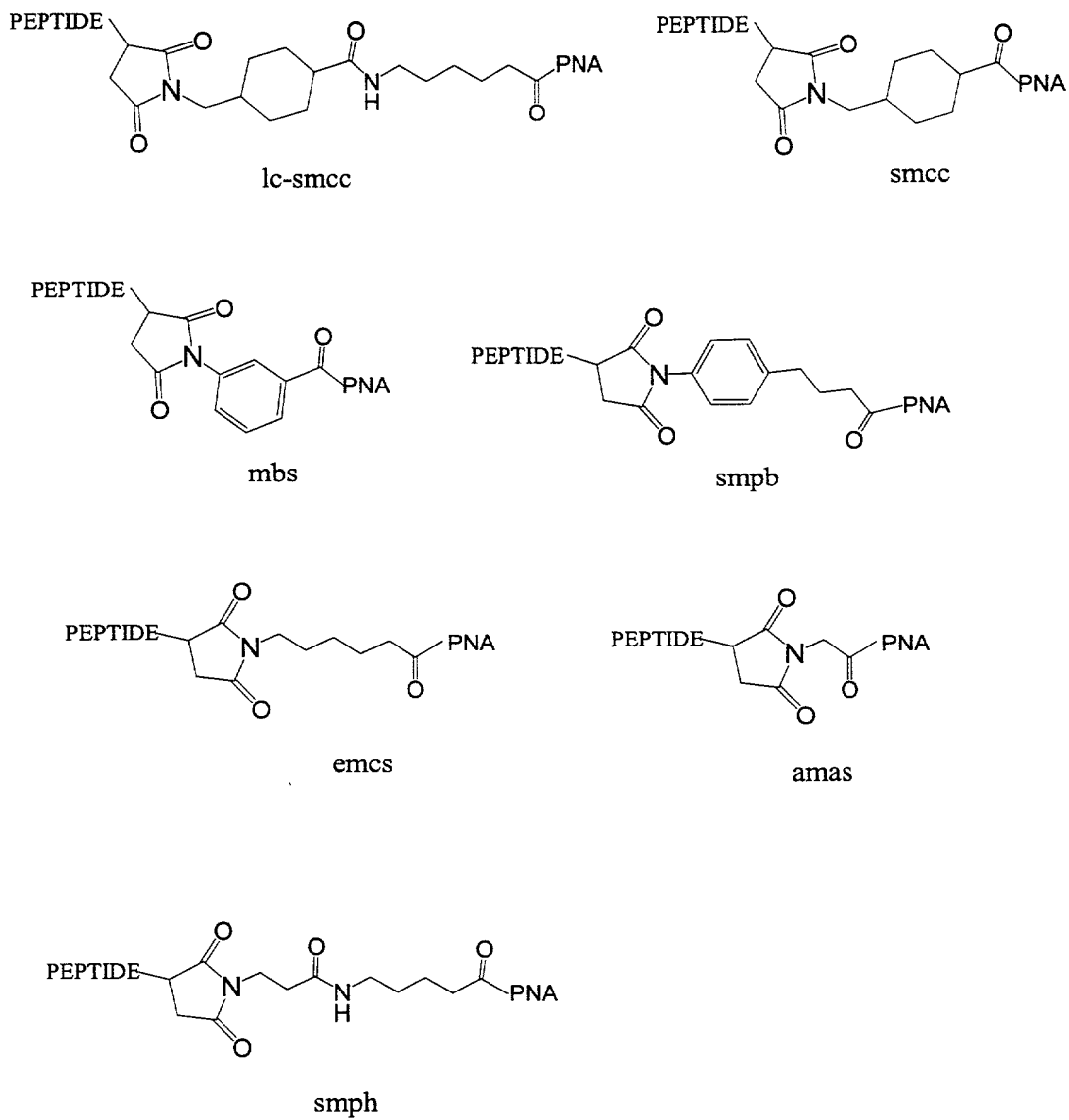


Figure 5